



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/749,715      Confirmation No.: 9216  
Applicant(s): Brown, Cecil  
Filed: 12/30/2002  
Art Unit: 2833  
Examiner: Hammond, Brigitte R.  
Title: Electrical Connector Having Connector Position  
Assurance Member  
  
Attorney Docket No.: 003C.0006.U2(US)  
Customer No.: 29,683

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Declaration Under 37 C.F.R. §1.131

Sir:

I, the inventor of the invention described and claimed in the above-identified patent application, declare as follows:

1. I conceived the invention at least as early as August, 2001. This was before the publication date of May 22, 2002 for European Patent No. EP 1207591. Attached as Exhibit A is a copy of an Invention Disclosure Form which describes the invention and shows the invention in the drawings of the Invention Disclosure Form.

Based upon information and belief, it is believed that the invention of the present patent application occurred prior to the publication date of EP 1207591. Therefore, it is believed that EP 1207591 is not prior art.

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made

on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

All Inventors:

Date: 1/4/05

By: Cecil Brown  
Name: Cecil Brown

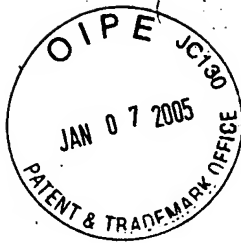
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**Exhibit A**

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A

FCI



Confidential

Patent Department Only

C3404  
FCI Case No

Invention Disclosure Form

To : Patent Department  
From : CECIL BROWN

Date : 8/20/2002  
Location : FCI Automotive -  
Westland

This invention relates to : DETENT OVERRIDE ACTIVE CPA  
(Brief Descriptive Title)

The inventor(s) is (are) : CECIL BROWN  
(Print Full Name(s))

Product to which this invention relates:  
ABX-3 AIRBAG CONNECTOR

A brief full description of the parts and the function of the parts (Refer to Attached Drawing or Sketch and Number the parts. Continue on additional pages if necessary.) WHEN THE CONNECTOR IS FULLY MATED, THE CPA LEG IS DEFLECTED, ALLOWING THE CPA TO PASS THE BUMP AND FULLY MATE.

The nearest thing to this invention that I know of : None  
LES STHE CPA (Item) \_\_\_\_\_ Manufactured by \_\_\_\_\_

(Attach Descriptive Literature if Available)

I (we) first thought of this invention on MARCH 2001 (Date)

The invention is first described in notebook \_\_\_\_\_ (Identify)

Project / Contract : \_\_\_\_\_ (Identify)

The first sketch or drawing is No. \_\_\_\_\_ Dated \_\_\_\_\_

The invention was first built on \_\_\_\_\_ (Date) \_\_\_\_\_

The test results are reported in \_\_\_\_\_ Dated \_\_\_\_\_  
(Memo, Notebook or Lab Report)

This invention was explained to WILL LYONS on JUNE 2001

Signature of Inventor(s) and date :

Read and Understood :

Signature of Witness(es) and date :

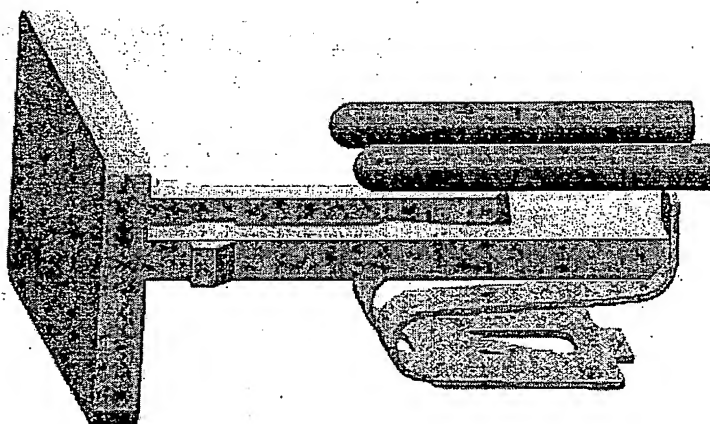
Cecil Brown 8/20/2002

Will Lyons 8/20/2002

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# Active CPA

> Active CPA Engaged (pushed down), Shorting Bar is disengaged (opened)

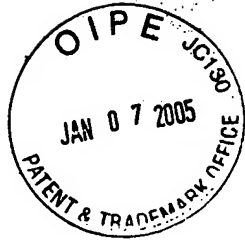
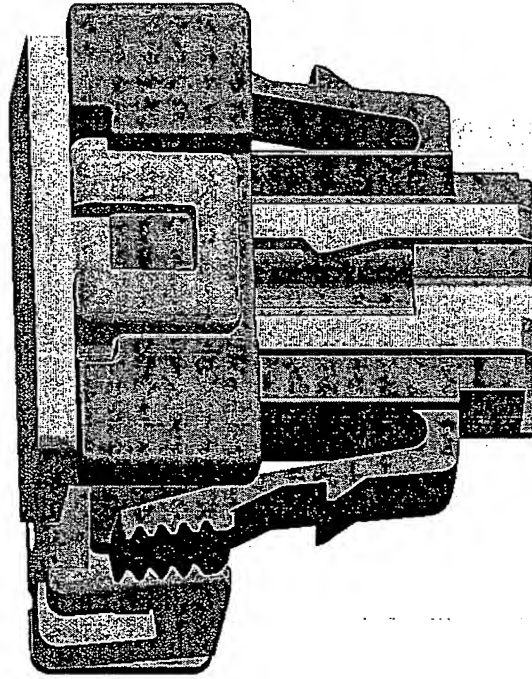


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FCI

# Design Proposal # 1 – “Detent Over ride”

> ABX3- showing Active CPA assembled

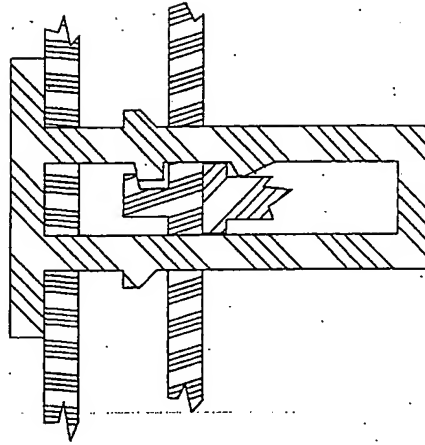
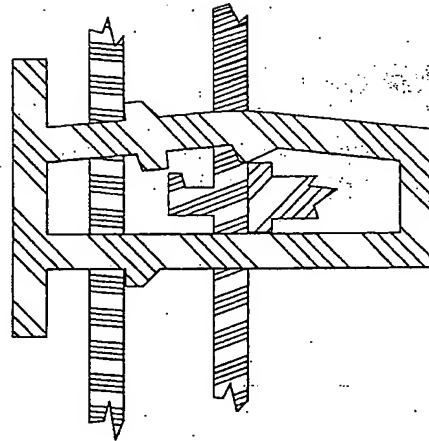
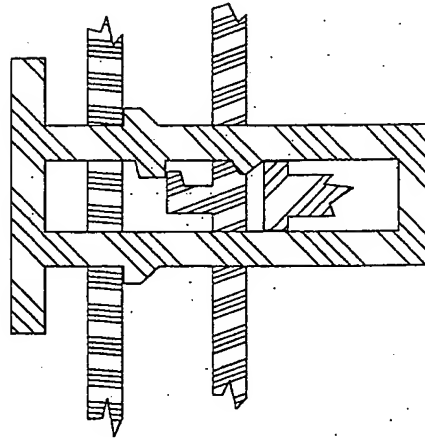


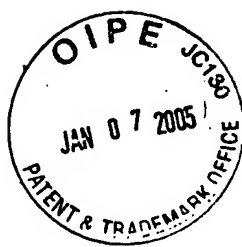
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FCI

# Design Proposal # 1 – “Detent Over ride”



## > ABX3- Active CPA- Installation Diagram





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FCI Case No C3399

### Invention Disclosure Form

To : Patent Department

Date : August 6, 2002

From : Cecil Brown

Location : FCI Automotive -  
Westland

This invention relates to : Active CPA for Airbag Connector Systems  
(Brief Descriptive Title)

The inventor(s) is (are) : Phil Seminara, Will Lyons and Cecil Brown  
(Print Full Name(s))

Product to which this invention relates:  
ABX-3 Airbag Connector

A brief full description of the parts and the function of the parts (Refer to Attached Drawing or Sketch and Number the parts. Continue on additional pages if necessary.)

See next page

The nearest thing to this invention that I know of :  
CES style active CPA Manufactured by  
FCI Nuernberg

(Attach Descriptive Literature if Available)

I (we) first thought of this invention on August 6, 2001 (Date)

The invention is first described in notebook \_\_\_\_\_ (Identify)

Project / Contract : ESR 6229 (Identify)

The first sketch or drawing is No. \_\_\_\_\_ Dated \_\_\_\_\_

The invention was first built on October 29, 2001

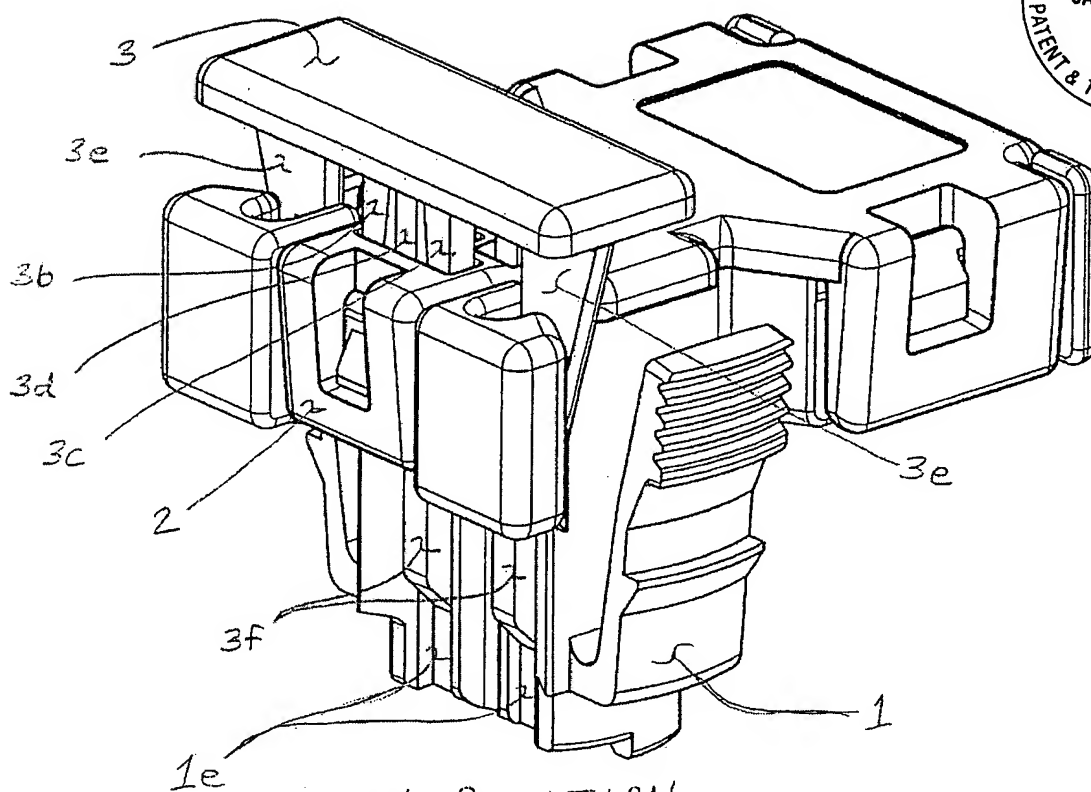
The test results are reported in \_\_\_\_\_ Dated \_\_\_\_\_  
(Memo, Notebook or Lab Report)

This invention was explained to \_\_\_\_\_ on \_\_\_\_\_

Signature of Inventor(s) and date : \_\_\_\_\_  
Read and Understood :  
Signature of Witness(es) and date : \_\_\_\_\_

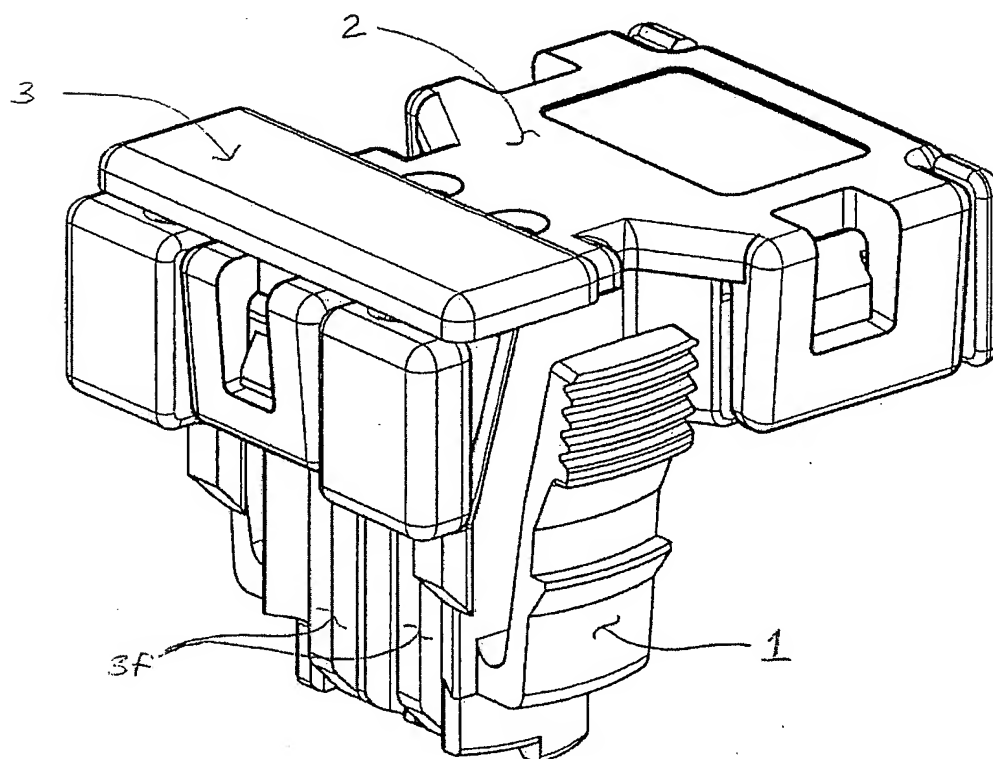
*WB Lyons Aug 6, 2002*  
*R Seminara 8/6/02*  
*Cecil Brown 8/6/2002*





OPEN POSITION

Fig 1



CLOSED POSITION

Fig 2

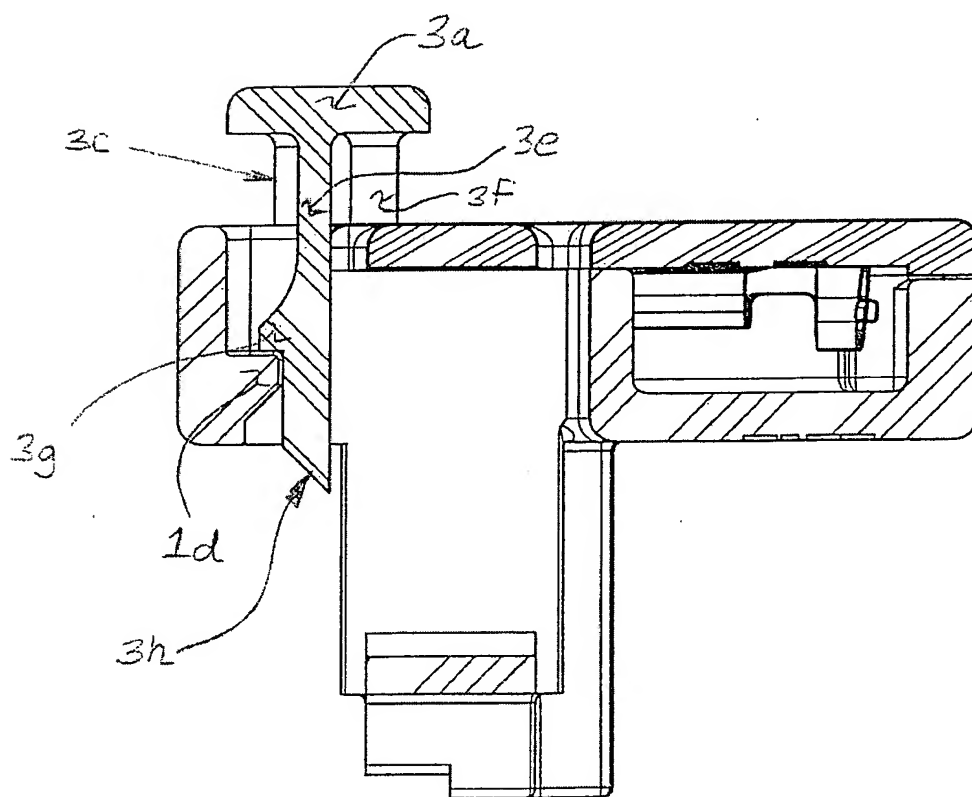
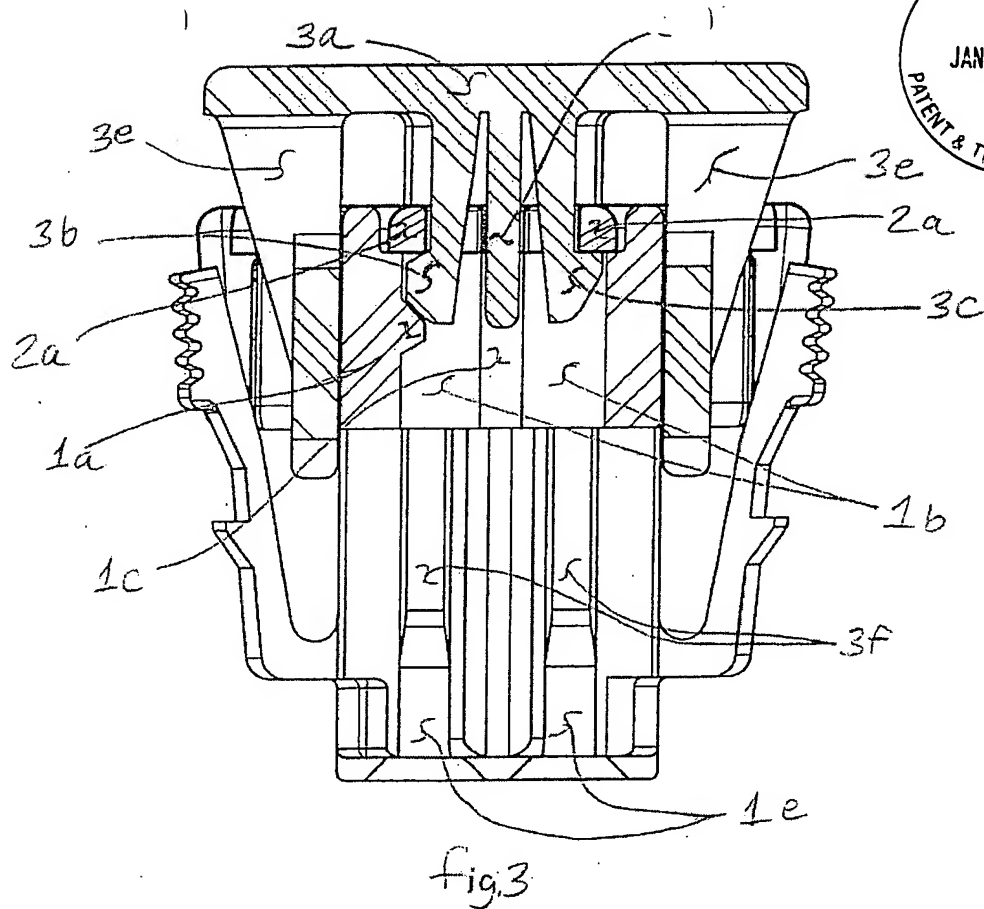
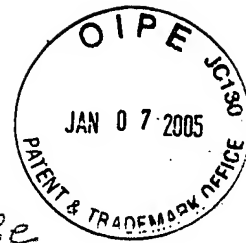


fig 4

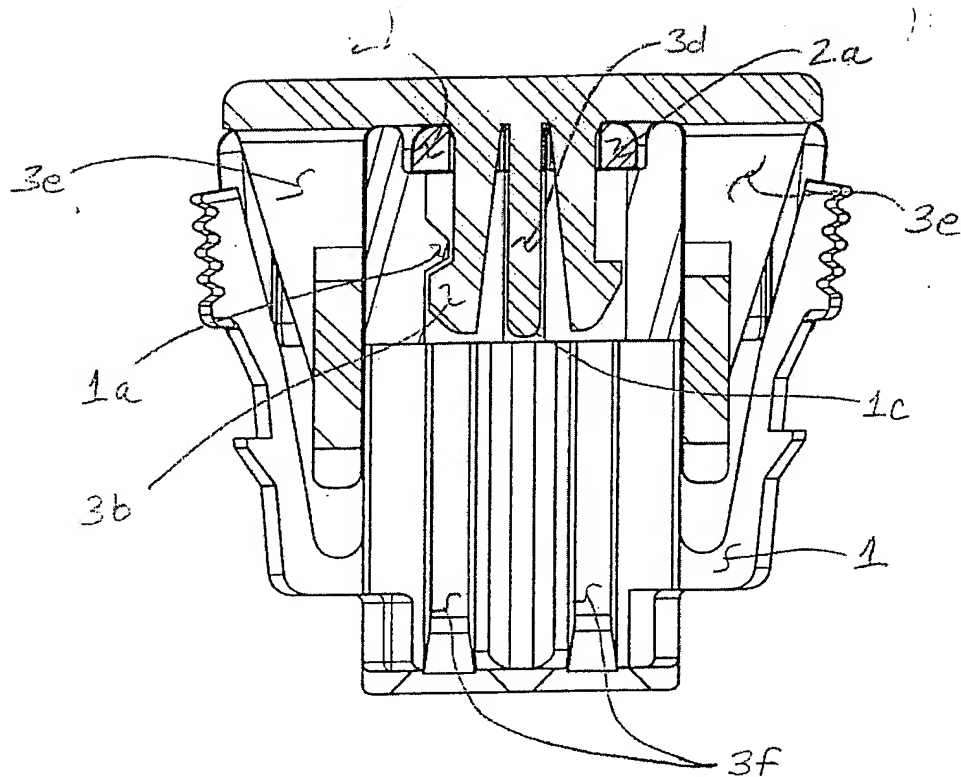


fig 5

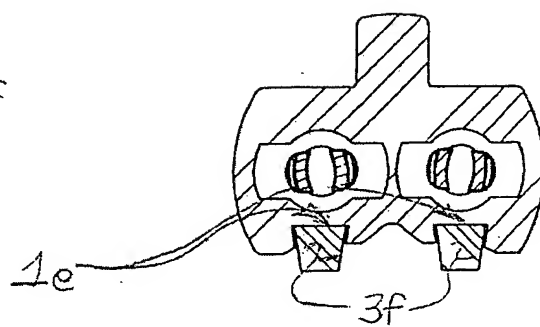


fig 6

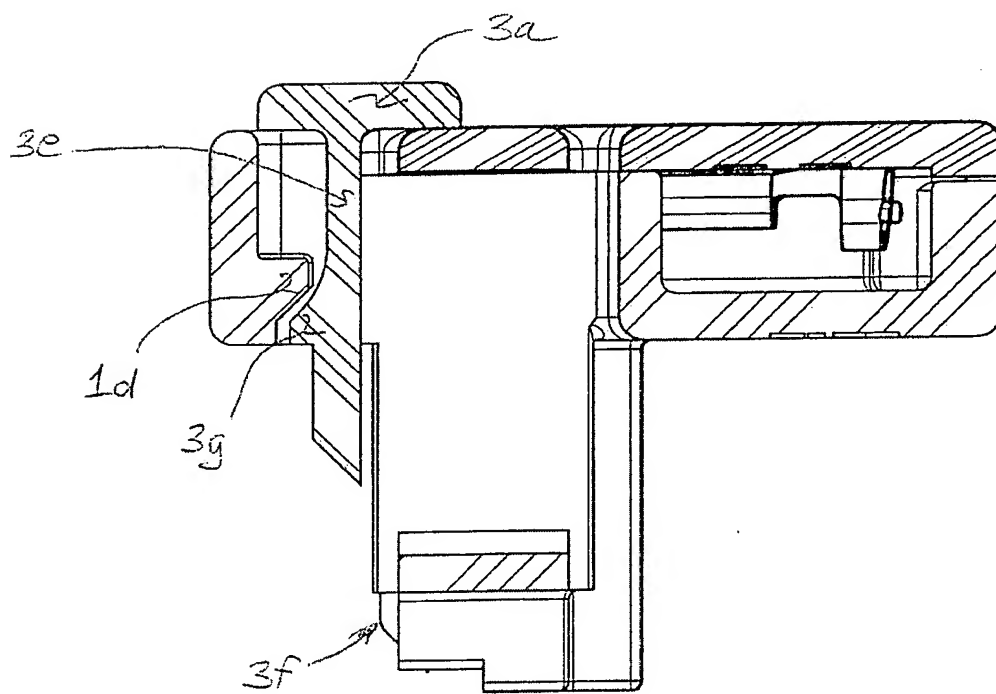


fig 7